

# **AIRCRAFT DISPATCHER**

## **UNIT 1 – AIRCRAFT FLIGHT PLANNING**

### **LESSON B – AIRCRAFT SOURCES**

#### **INSTRUCTIONS TO THE INSTRUCTOR**

Unit 1 is composed of four lessons; consider using more than one qualified instructor to teach this unit.

The intent of this lesson is to identify the various sources available for filling aircraft orders, to assist in determining the type of aircraft to utilize, and to define the differences between Exclusive-Use and Call-When-Needed aircraft.

The instructor should be thoroughly familiar with interagency aircraft ordering and able to elaborate on the various considerations when determining the correct aircraft to order.

Encourage students to ask questions and make comments.

## NOTES

## **DETAILED LESSON PLAN OUTLINE**

<b>CURRICULUM:</b>	BLM Fire and Aviation Training
<b>COURSE:</b>	Aircraft Dispatcher
<b>UNIT:</b>	1 - Aircraft Flight Planning
<b>LESSON:</b>	B - Aircraft Sources
<b>SUGGESTED TIME:</b>	45 minutes
<b>TRAINING AIDS:</b>	Overhead projector or computer with CD-ROM and computer projector; projection screen; markers, masking tape or tacks; handouts; flip chart
<b>OBJECTIVES:</b>	<p>Given a simulated wildland fire incident, case study, or exercise, students will be able to</p> <ul style="list-style-type: none"><li>• List two sources of information available to assist in determining the type of aircraft to be utilized for a requested mission.</li><li>• Identify three possible sources for filling aircraft orders.</li><li>• Identify the differences between Exclusive-Use and Call-When-Needed aircraft.</li></ul>

OUTLINE	AIDS & CUES
<b>Introduce the lesson.</b>	01B-01-ACDP-EP
<b>Present the lesson objectives.</b>	01B-02-ACDP-EP 01B-03-ACDP-EP
<p>I. REQUIRED CERTIFICATION</p> <p>All pilots and aircraft must be qualified and certified for a specific mission, such as</p> <ul style="list-style-type: none"> <li>• Bucket work</li> <li>• Long line</li> <li>• Retardant</li> <li>• Below 500 feet AGL</li> <li>• Interagency fire</li> </ul>	01B-04-ACDP-EP
<p>II. TYPES OF AIRCRAFT SOURCES</p> <p>A. Exclusive-Use</p> <p>B. Call-When-Needed (CWN)</p> <p>C. Agency-Owned</p>	01B-05-ACDP-EP
<p>III. EXCLUSIVE-USE</p> <p>A. Definition</p> <p>A contract between the government and a vendor for a specific aircraft to be used <u>exclusively</u> by the government for a designated period of time.</p>	01B-06-ACDP-EP
<p>B. Exclusive-Use Aircraft</p> <ul style="list-style-type: none"> <li>• Helicopters</li> </ul>	01B-07-ACDP-EP

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> <li>• Fixed-wing (Air Attack, Recon, etc.)</li> <li>• Single Engine Airtanker (SEAT)</li> <li>• Smokejumper Aircraft</li> <li>• Heavy Airtanker (National Contract)</li> </ul>	
IV. CALL-WHEN-NEEDED (CWN)	01B-08-ACDP-EP
A. USFS National Contracts <ul style="list-style-type: none"> <li>• Aircraft acquired through a national contract (U.S. Forest Service) for temporary use <ul style="list-style-type: none"> <li>– Type 1 helicopter</li> <li>– Type 2 helicopter</li> <li>– Large transports</li> </ul> </li> </ul>	01B-09-ACDP-EP
<div style="border: 2px solid black; padding: 5px;"> We will discuss overhead ordering for CWN helicopters will be discussed in Unit 1, Lesson C, Scenario 5. </div>	
<ul style="list-style-type: none"> <li>• Not “exclusive” to the government</li> <li>• May be used for private missions when not in “hired” status</li> </ul>	01B-10-ACDP-EP
B. Office of Aircraft Services (OAS) Aircraft Rental Agreement (ARA) <ol style="list-style-type: none"> <li>Criteria <ul style="list-style-type: none"> <li>• Temporary “rental” of an aircraft (no contract)</li> </ul> </li> </ol>	01B-11-ACDP-EP

OUTLINE	AIDS & CUES
<ul style="list-style-type: none"> <li>• May not exceed \$25,000 per rental for non-fire projects. If the \$25,000 limit is exceeded, you must send the project out to bid—creates a contract not an ARA.</li> <li>• May be hired locally via a “source list”</li> </ul> <div data-bbox="207 693 1068 756" style="border: 2px solid black; padding: 2px;"> <b>Refer students to the OAS website—<a href="http://www.oas.gov">www.oas.gov</a>.</b> </div>	
<p>2. ARA Aircraft</p> <ul style="list-style-type: none"> <li>• Type 3 helicopter</li> <li>• Fixed-wing (Air Attack Platform, Recon, etc.)</li> <li>• Single Engine Airtanker</li> </ul>	01B-12-ACDP-EP
<p>C. Agency-Owned Aircraft</p> <ul style="list-style-type: none"> <li>• Ordered through normal dispatch channels</li> <li>• Qualifications of pilot and aircraft must meet same criteria as Exclusive-Use, CWN, and ARA</li> </ul>	01B-13-ACDP-EP
<ul style="list-style-type: none"> <li>• Smokejumper aircraft</li> <li>• Lead plane</li> <li>• Air Attack</li> <li>• Helicopter</li> </ul>	01B-14-ACDP-EP
<div data-bbox="207 1795 1068 1858" style="border: 2px solid black; padding: 2px;"> <b>Review lesson objectives.</b> </div>	01B-15-ACDP-EP

OUTLINE	AIDS & CUES
<div data-bbox="207 285 1068 348" style="border: 2px solid black; padding: 2px;"> Ask the students if there are any questions. </div>	01B-16-ACDP-EP

## NOTES



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#### **POWERPOINT SLIDE INDEX**

<u>Reference No.</u>	<u>Description</u>
01B-01-ACDP-EP	Title Slide
01B-02-ACDP-EP	Lesson Objectives
01B-03-ACDP-EP	Lesson Objectives
01B-04-ACDP-EP	Required Certification
01B-05-ACDP-EP	Aircraft Sources
01B-06-ACDP-EP	Exclusive-Use
01B-07-ACDP-EP	Exclusive-Use Aircraft
01B-08-ACDP-EP	Call-When-Needed (CWN)
01B-09-ACDP-EP	USFS National Contracts CWN
01B-10-ACDP-EP	USFS National Contracts CWN
01B-11-ACDP-EP	OAS Aircraft Rental Agreement (ARA)
01B-12-ACDP-EP	ARA Aircraft
01B-13-ACDP-EP	Agency-Owned Aircraft
01B-14-ACDP-EP	Agency-Owned Aircraft
01B-15-ACDP-EP	Lesson Objectives

PowerPoint Slide Index, continued

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Questions